

Converting Colors

Hex(942763)

Have a look what the booklet for
Hex(942763) contains.

Hex(942763)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(942763)

Conversions

Conversions Part 1

Format	Color
Hex	942763
RGB	148, 39, 99
RGB Percent	58%, 15%, 39%
CMY	0.4196, 0.8471, 0.6118
CMYK	0.00, 0.74, 0.33, 0.42
HSL	327°, 58%, 37%
HSV	327°, 74%, 58%
XYZ	15.1904, 8.6478, 12.6729
YIQ	78.4310, 45.7040, 41.7680

Conversions

Conversions Part 2

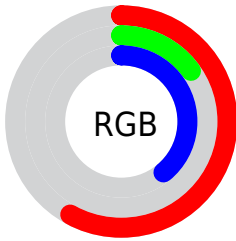
Format	Color
R_{YB}	148, 39, 99
Decimal	9709411
CIE _{Lab}	35.30, 50.23, -9.21
CIE _{LCh}	35, 51.068, 349.615
Yxy	8.6478, 0.4160, 0.2369
Android (android.graphics.Color)	4287899491 (0xFF942763)
YUV	78.4310, 10.1405, 61.0120
Hunter-Lab	29.4071, 40.7426, -4.9659

Details

The Hex color **942763** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **279458**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **CD5E96**, and **5D0034** is the 20% darker color. If you saturate the color by 10%, you get **94185C**, and if you desaturate by 10%, it is **94366A**.

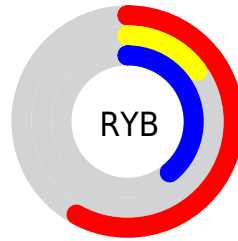
Distribution



Red (58%)

Green (15%)

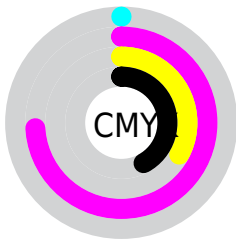
Blue (39%)



Red (58%)

Yellow (15%)

Blue (39%)

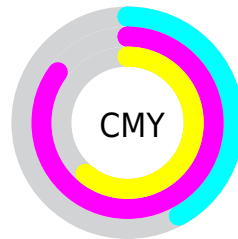


Cyan (0%)

Magenta (74%)

Yellow (33%)

Black (42%)



Cyan (42%)

Magenta (85%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 942763 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 942763 by changing the saturation by 10% instead.

942763

942763

FFFFFF

78004B

CD5E96

5D0034

EB79B0

42001F

FF94CC

2A0004

FFB0E8

000000

FFCCFF

FFE9FF

942763

942763

94185C

94366A

940956

944570

940051

945377

94627E

947184

94808B

948F92

949D98

94AC9F

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



753A88



942763



9A273A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



942763



4C5900



006391

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



942763



279458

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00656D



942763



0F6118

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



942763



714C00



006443



005CA4

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



942763



933321



006443



006486

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



942763



BF95AC



562794



614856



E0E0E0



616161

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



942763



BF1774



94272E



4A4347



8A004C



0A0006

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



942763



BF1774



27948D



4A4347



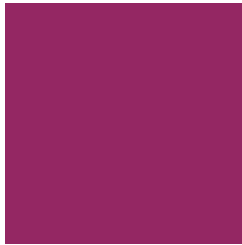
8A004C



0A0006

Previews

White Background



This preview shows how the Hex color 942763 looks on a white background.

Color Contrast Check

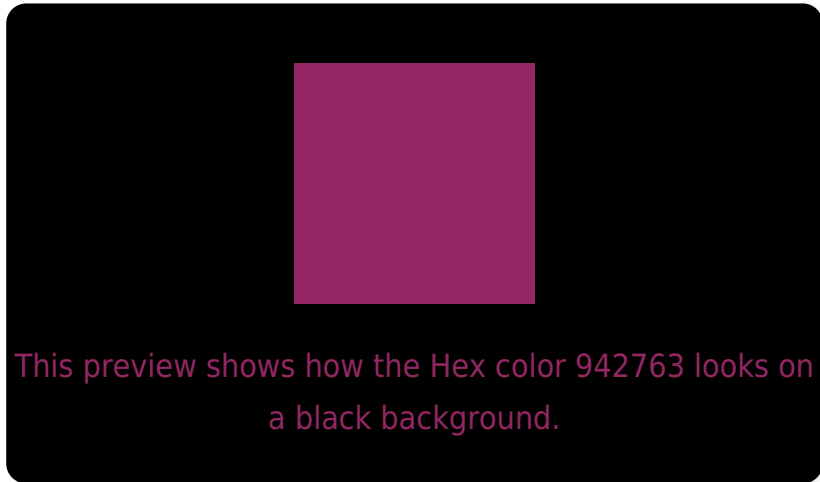
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

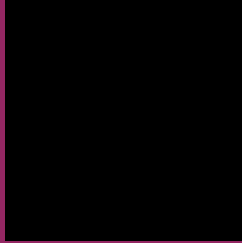
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 942763 Background



This preview shows how black text looks on a background with the Hex color 942763.




This preview shows how white text looks on a background with the Hex color 942763.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
913437

Trichromacy



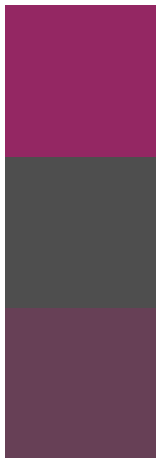
Original Color
942763

Protanomaly
614376

Deuteranomaly
6E425F

Tritanomaly
922F47

Monochromacy



Original Color
942763

Achromatopsia
4E4E4E

Achromatomaly
674056

CSS Examples

Text

The CSS property to change the color of the text to Hex 942763 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #942763 looks like.

```
.text, #text, p{  
    color:#942763  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #942763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #942763
}
```

Border

The CSS property to change the border of an element to Hex 942763 is called "border". The border property can be set on classes, ids or directly on the HTML element.

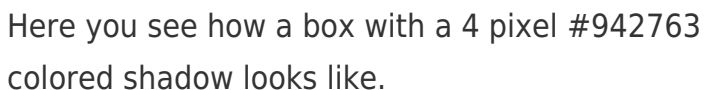
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#942763 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#942763 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #942763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #942763; -webkit-box-shadow:4px 4px  
4px 4px #942763; box-shadow:4px 4px 4px  
4px #942763 }
```

Background

The CSS property to change the background color of an element to Hex 942763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#942763 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#942763 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor